

DEGASING METHOD OF ABSORBABLE SUTURE PRODUCT

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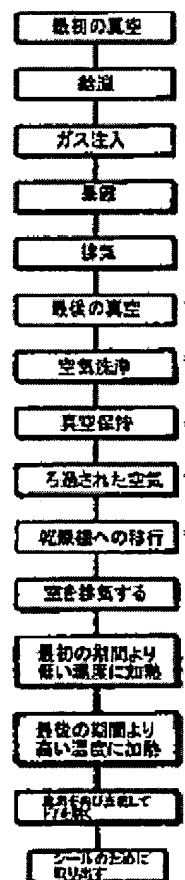
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Abstract of JP2000237289

PROBLEM TO BE SOLVED: To effectively and adequately remove a sterilizer gas, a diluent gas, a sterilization byproduct and moisture by a method wherein a biomedically absorbable medical product is supplied into a pouch to be placed into a chamber of a gas sterilizer, and then, the inside of the chamber is evacuated to inject moisture while a degasing is performed.

SOLUTION: A biomedically absorbable medical product such as suture is firstly inserted into a chamber of a gas sterilizer being packed into a pouch. Then, the inside of the chamber is sealed airtightly and evacuated to maintain the inside of the chamber at a low pressure while the temperature in the chamber is raised.

Subsequently, ethylene oxide sterilizer gas mixture is injected into the chamber to effectively sterilize the biomedically absorbable product and the inside of a package, and then, the inside of the chamber is evacuated to remove a sterilizer gas. The inside of the chamber is maintained at a specified temperature only for a time enough for lowering the pressure in the chamber and to remove the residual moisture. Thereafter, the temperature in the chamber is raised higher and the higher temperature is maintained for a time enough to sufficiently remove the residual sterilizer gas, a diluent, a sterilization byproduct and moisture.



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